

**SECRET**

1969 APR 9 21 08Z

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**S E C R E T** 092047Z APR 69 CITE   6053

SUBJ: B-26 TEST MISSION  
 REF: DIA MESSAGE DTG 022151Z APR 69  
 SAC MSG DTG 291622Z MAR 69

## 1. MISSION DATA:

- A. MISSION NUMBER: B-26 TEST
- B. DATE: 29 MARCH 1969
- C. CAMERA/UNIT NUMBER: B/26 FLOWN IN U2R
- D. MODE: MODE 5 THROUGHOUT
- E. FLIGHT TIME: T/O 1300Z  
                   C/ON 1430Z  
                   C/OFF 1736Z
- F. FILM: 3401
- G. EXPOSURE: 1/400
- H. APERTURE: F/11
- I. FILTER: W-12 (MINUS BLUE)
- J. PROCESSED BY: NAV RECON TECH SUPPCEN
- K. AVERAGE GAMMAS: LEFT SIDE 1.30 RIGHT SIDE 1.32
- L. MATERIAL PROCESSED IN MX819 (LOW GAMMA).

DISTRIBUTION			25X1
CY	OFFICE	FI	25X1
1	FILE		
	CABLE SEC.		
	FP&B/ED		
	SECUR.		
2/3	TSSG/ARSD		✓
	PSG/OC		
	RRD		
	REPRO		
	AID		
	IEG		
	PROD		
	SCIEN		
	WEST		
	EAST		
	M&S		
	PGM		
	IAS		
	DIA-XX4		
	SPAD		
	DIA-AP		
	CMX		

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2. THE OVERALL IMAGE QUALITY OF THIS MISSION IS CONSIDERED TO BE POOR. THERE ARE, HOWEVER, SOME INSTANCES OF FAIR IMAGE QUALITY. CLOUD COVER AND HAZE OBSCURE LESS THAN FIVE PERCENT OF THE ENTIRE MISSION.

3. THE ROLLER CHATTER ON THIS MISSION OCCURS INFREQUENTLY AND IS VERY MINOR. AS IN MISSION G-073, THE POSITION INDICATORS WERE NOT IMAGED THROUGHOUT THE MISSION.

4. THE BEST IMAGERY OBTAINED DURING THIS MISSION WAS ACQUIRED IN THE 1L POSITION. THE QUALITY OF THIS IMAGERY IS EQUIVALENT TO THAT OBTAINED WITH UNIT 26 IN THE U2C. THE POOREST IMAGERY IS PRESENT ON THOSE FRAMES EXPOSED IN THE 1R AND VERTICAL POSITIONS. THE IMAGE QUALITY IN THE VERTICAL POSITION VARIES SLIGHTLY ACROSS THE FORMAT, WITH THE BETTER IMAGERY BEING NEAR THE NON-DATA CHAMBER. IN GENERAL, THE IMAGERY APPEARS SOFT; HOWEVER, IT DOES NOT APPEAR TO BE THE RESULT OF VEHICLE MOTION. THE IMAGE QUALITY DOES NOT IMPROVE AS THE MISSION PROGRESSES.

5. IN SUMMARY, THE BETTER IMAGERY IS PRESENT ON THOSE FRAMES EXPOSED IN THE 1L POSITION AND THE WORST IMAGERY ON THOSE FRAMES EXPOSED IN THE 1R POSITION. JUDGING FROM THIS VARIATION IN IMAGE QUALITY FROM ONE POSITION TO ANOTHER AND WITHIN THE FORMAT, IT WOULD APPEAR THAT THE DEGRADATION IS THE RESULT OF TEMPERATURE EXCURSIONS IN THE CAMERA BAY AND/OR CONDENSATION ON THE VARIOUS WINDOWS.

**S E C R E T**

END OF MESSAGE

**SECRET**